

ABSTRACT

The lip-type seal of the present invention is a lip-type seal with which the outer periphery of a rotational shaft (S) supported by a predetermined housing (H) is sealed. This lip-type seal includes a seal ring (20) made of an elastic material so as to have an annular fitted part (21) that is fitted to the housing and a lip part (23) that extends from the fitted part inwardly in a radial direction in the shape of a substantially conical ring and that is brought into contact with the shaft, and a support ring (30) including an annular joint part joined to the fitted part and an annular supporting part (33) that defines a hole (30a) through which the shaft passes, that extends from a side of the joint part to a halfway area of the lip part, and that supports the lip part from the inside in the radial direction. In this lip-type seal, the lip part (23) is tapered in cross section from an area from which noncontact with the supporting part (33) starts toward an end thereof. Therefore, wear is reduced in a high-pressure environment, and durability is improved while securing a desired sealing capability.